FIRST & Final

Orginal/Duplicate/Triplicate

AEE/T.DSD/SBR/72/16-17

D. 29.06.2016

CONTRACT CERTIFICATE

(For other works)

No.....

Date:.....

Division: **Dasarahalli Division**

Sub-Division:

Bill Received No. 218 Dated 30/6/16 Cash Book Vocher No.....Dated.....

Scheduled Docket No.....

Head of Account.....

Name of work (as Per Sanctioned Estimate.):**Sinking of Borewell and providing pump and motors and laying of pipeline at T. Dasarahalli Ward No. 15 3 numbers**

Name of Contractor and Full Address: :-**Sri. K. Madhavareddy, # 900, Bagalagunte, Muneshwara Block, Bangalore.**

Reference to Agreement No: **EE/DD/WO/03/16-17**

Certified that the measurements were taken by me on 21.6.2016 and recorded in pages 55 to 68

Measurements Book No. 2141 and that the work is satisfaction executed

K Maddaiah 21/6/16. 25.10.2016

Contractor Signature. Officer-in-charge of work.

Certified that the measurements were taken by me on .....and found correct. The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment **Work Code No. 015-16-000013** Sub – Division Officer

		Amount
1	Total Value of work done or supplies made as per account.	
2	Deduct amount to be held in reserve being ..... Percent Rs.	
3	Deduct amount to be held in reserve being balance	Bill Amount - 1878539=00
4	Deduct payments: a) Amount of previous payment as in the office Cash Book Vocher No..... Dated..... S.D. No..... Amount adjusted towards cash advance recovery of b) Payments cost store or other materials supplied.	Cheque Bill Beacon charges (-) 28167=00 1850372=00
5	Balance being unpaid value of work done held in reserve	Total.....
6	Deduct cash advance made on the office cash book vehicle No..... Dated..... Less adjustments	IT - 18504=00 VAT - 74015=00 LWC - 18504=00 CBF - 1850=00 (-) 112873=00
7	Net amount due to or from contractor	
	Unadjusted items	
8	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied. Government materials supplied.	Add Beacon charges (+) 28167=00 Net - 1765666=00

K Maddaiah
Contractor Signature.

Received Rs.....(in wards).....

Audited and admitted for Rs. 1878539=00

Passed for Cheque for Rs. 1765666=00

By cash and by adjustment of payment as per memorandam.

Witnesses:

1

2

by adjustment 112873=00

Hay

Accounts Superintendent

Exe. Engineer

B.B.M.P. Dasarahalli Division

(for use in the office)

Date:.....

Paid by me by cheque.....Dated.....

Cash Rs.....Dated.....

K. Maddaiah
Signature of Contractor.

Initials of Officer making payment dated.....

Executive Engineer.

Sl. No.	Description of Items	Unit	Previous Measurement			Present Measurement			Total Up-to-date	
			Qty.	Rate	Cost	Qty.	Rate	Cost	Qty.	Cost
1	Geophysical survey geophysical investigation of site for sinking Borewell for supplying drining water to the habitation either through the hand pumps, MWS or PWSS by vertical electrical sounding by adopting venner or schlumberger's method including reconnaisance suevey of geological formation Geophysical investigation of of existing ground water in the vicinity. Its quality, quality & acceptabality of the users indicating the location of the site recommendeddeth of casing pipe required to seal the tope unsconsolidated formation including an extra depth 1.0 metre in consolidated formation for aquire proposed to be tapped propable yield and other information required including transportation of instrument and accessories to work site, engating technical personal and labour etc., complete3 as epr specification & as per direction of enginner in charge	Each				03	1882=00	5646=00	03	5646=00
2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burdern upto 20 M. fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimu working of compressor for one hour (excluding cost of casing pipes, collars, cap etc.,)	Rmtr				150 00	306=00	45900=00	150=00	45900=00
3	50mtr to 100.00 mtr	Rmtr				150 00	400=00	60000=00	150=00	60000=00
4	100.00 to 150.00	Rmtr				150 00	445=00	66750=00	150=00	66750=00
5	150.00 to 200.00 mtr	Rmtr				150 00	470.00	70500=00	150=00	70500=00
6	200.00 to 250.00 mtr	Rmtr				130 00	544 00	81600=00	150 00	81600=00
7	250.00 to 300.00 mtr	Rmtr				150 00	583 00	87450=00	150 00	87450=00
8	Supplying of ISI Mark 175mm Nominal bore plain end steel casing pipe-grade of steel Fe 410, of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest emendments electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxyzen process in random length of 4 to 7 Mts, Both ends threaded confirming to IS 554/1985, one end fixed with a socket confirming to IS 4270:2001 and the other end with screwed pipes. all pipes shall be reasonably straight should be with ISI making, welding, weighing 25.10 kg/mtr (inclusive of all taxes and duties) Prices include collar medium duty	Rmtr				120 00	1325=00	159000=00	120 00	159000=00
9	Additional rate on item No. 2 is allowed for drilling in over burden and folling casing pipes beyond 20mtrs, rate at 15% and beyond 30mtrs 30% on basic rate of Rs. 306 is allowed above 20 mtrs and upto 30 mtrs at complete as per specification & as per direction of Engineer in charge	~~Each~~ Mtr				30 00	4590	13770=00	30 00	13770=00
10	Providing 175 mm dia Ms Collar complete as per the specification & as per direction of engineer in charge	Each				30	150 00	4500=00	30	4500=00
11	Providing 175mm dia MS Cap complete as per specification & as per direction of engineer in charge					2	100=00	300=00	3	300=00
12	Supplying and delivery at site brand new Texmo/innoval/Lubi/Sabar/Atalanta/Calamal/Waterman/Radha/make suitable HP deep well submersible pumpset suitable for vertical installation in 150mm dia borewells compresing of sinle stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (West type) squirrel cage submersible induction otor suitable for operation of 3Ph 50Hz. 380/440 volts AC supply fitted with required acessories such as suction casing suction strainers, sand guard None return valve etc., complete as per specification	No.				3	7000/-	21000=00	3	21000=00
13	Supply and Drawing 3 core Flat PVC shalted subersible Pump cable Manufactured with Electrolytic Grade Copper with Flexibel copper conductor to table 3 class 5 of IS 8130-1984 and Cirgen PVC insulation and sheeated suitable for working volatage upto 1100 VOlts compelte as per specifications.	Rmtr				1860 00	159 50	296670=00	1860	296670=00

14	Supplying and fixing 50mm Non Return Vavle of Vertical type of approved make including cost of all materials labour Hom of equipment with all leads complete as per specification.	Nos								
15	Suplying and fixing 50mm GM gae valve compete as per specificiation. & as per direction of Engineer in charge	Nos.								
16	Supplying and fixing 175 mm Borewell cap with clampset complete as per specification & as per direction of engineer in charge	Nos								
17	Supplying and fixing 50mm GI Union complete as per specification & as per direction of engineer in charge	Nos.								
18	Supplying and fixing 50mm GI Elbow complete as per specfication & as per direction of engineer in charge	Nos.								
19	Providing and fixing of 50mm G. I pipe 'C' class heavy duty for erection of submersible pumpset galvanised tube 50mm supply and delivery of cause heavy duty complete as epr specification & as per direction of engineer in charge	Mtr								
20	Supplying TPST with rewireable porcelain channels in SM encloser 15/32 amps P-521 Group -Bi-1 (b), complete as epr specification & as per direction of Engineer in charge	Nos								
21	Supplying and fixing LED Type panel board indicating lamp with required colour suitable for 220 v AC 50Hz 12/24 V DC Group 'B' P-529, 1-35 (b) complete as per specfiication & as per direction of Engineer in charge	Nos.								
22	Supplying and drawing each PVC insulated 650/100 V grade wire in the conduct (Open or Concealed system of wiring) 7/20 or 7/36 copper wire. Complete as per specification & as per direction of Engineer in charge	Nos								
23	Supplying fixing and wiring heavy duty low voltage confirming to 2834, 3 PHASE 400/440 Volts grade for power factor improvement of rotating machinery capacitor in KVAR - rating Nos 2 KVAR capacity P-402 I-34 (a) complete as per specifiction & as per direction of Engineer in charge	Nos								
24	Supplying and fiixng miniature Circuit breakers on exsiting MCB distribution boards using necessry fixing mateials and wiring complete as requied P-526 1-13 (P a) complete as per specification & as per direction of Engineer in charge	Nos								
25	Supplying fixing wiring earth electrode for grounding conduits, LC cutouts and other equipments on themeter borard using 40mm dia 2.90mm thick GI pipe 2.50 long buired in a pit. The pit should be filled with equal proportion of solt and charcoal 150mm alround the pipe to complete depth. the connection from the pipe to the conduct etc., is to be established thorugh GI wire of size as per ISI specirfications 7.3 3 IS 732 using 12mm ida bolts, nutus, washers and check nuts etc., the pipe shall have 16 thought holes of 122mm dia P-552, 1-7, complete as per specification & as per direction of Engineer in charge	Nos								
26	Supplying and fixing class A (medium duty) GI pipe wall thickness not less than 3.25 mm on pole. Complete as per specification & as per direction of enginner in charge	Nos								
27	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit./ The pit should be filled with equal proportion of salt and charocoal 150mm alround the pipe to complete depth the connections from the pipe to hte conduits etc., is to be established though GI wire of size as per IS specification 7.3.3 of ISI 732 using 12 mmdia boalts, nuts washers and checknuts etc., the pipe shall have 16 though holes of 122 mm dia complete as per specification & as per direction fo Engineer in charge	Nos.								
28	Supply 1.1 KV class UG cable from nearest BESCOM pole to panel board including earth work and road resoratio 4 core 16 sqmm complete as per specification & as per direction of Engineer in charge	Mtrs								
29	Labour charges for laying 1.1 Kv Class UG cable when supplied by agencies in existing trenches GI pipe/stoneweare pipe/on pole as required complete as per specification & as per direction of Enginner in charge	Mtrs								

30	Digging of trench of 0.6 m deep x 0.5 m wide refilling the trench to the required level and consolidating etc., complete as per specification & as per direction of Engineer in charge	Mrrs				45-00	44·00	1980 ~	45.00	1980 ~
31	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class16 sqmm UG calbe filled with necessary bitumen / insulating compund complete with terminalas, clamps bolts nutr washers etc., complete as per specification & as per direction of Enginner in cahrge	Nos				03	264·00	792 ~	03	792·00
32	Supplying and fixing of porceian fuse channel with cutout on existing /new wooden panel using ncessary nuts, bolts and washers etc., complete as per specification & as per direction of Enginer in charge	Nos				18	440 00	7920 ~	18	7920 ~
33	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barriacding, danger lighting etc., in the Asphalt surface road, complete as per specification & as per direction of Engineer in charge	Cum				67·50	311·64	21035·70	67·50	21035·70
36	KSRB 2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification.	Cum				337·50	259·20	87648·75	337·50	87648·75
37	Providing and installing at site work PVC pipes inclidng costg of pipes and specials labour including lowering into trenches layingy true to line level and perfect linking at joints leak proof inclidng jointing of apprvoed type with all labour and lift charges handling charges including encasign the piep alround to a depth not less than 15cms with gravel or selected earth available from the excavation et.c,	Rmtr				750 ~	153 00	114750 ~	750 ~	114750 ~
38	Supplying and fixing 50mm GI pipes C class heavy duty compelte as per specifications. (As PER bwssb Store issued rae) Note GI Pipe using for Road crossing places complete as per specification & as per direction of Engineer in charge	Mtrs				30 ~	325=00	9750 ~	30 ~	9750 ~
39	Refilling avaialbe earth around pipe lines calbes in layers not exceeding 20cms in depth compacting each deposited layer by ramming after watering with lead upt 50m and lift upto 1.5 including cost of all labour compelte as per specificaiton complete as per specification & as per direction of Engineer in charge	Cum				337·50	60·48	20412·00	337·50	20412·00
40	Transportation of pumping machineries complete as per specification & as per direction of Engineer in charge	Cum				3·00 337·50	900.00 60·48	2700 20412·00	3·00 337·50	2700 ~ 20412·00 ~
41	Erection of pumping machineries compete as per specificaiton & as per direction of Engineer in charge	Rmtr				03	500 ~	2700 = 00	03	2700=00
					Bill Amt -			1850372=00 867576·75		1850372=00 867576·75

CERTIFICATE

1 This is to certify that the contractor has completed the work satisfactorily.
2 The contractor has cleared the debries from the work sport
3 The contractor has used his own vehicles for the coveying the debries.
4 There are no departmental issues for the above work.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಜಲಮಂಡಳಿ, ಬಿಡಬ್ಲ್ಯೂಎಸ್ಎಸ್ಬಿ
ಬೆಂಗಳೂರು

KEB deposite 28167·75 28167·75
1895741·75 1895741·75
1878539=00 1878539=00